

CN 1138450

DIALOG(R) File 351:Derwent WPI
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010846395 **Image available**

WPI Acc No: 1996-343348/199635

XRAM Acc No: C96-109049

Reducing compsn. for permanent waving or de-curling of hair - comprises agent for reducing keratin disulphide bonds ornithine, lysine or arginine as alkalisng agent, and cationic polymer, is less irritating and has less odour

Patent Assignee: L'OREAL SA (OREA)

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Number of Countries: 027 Number of Patents: 018

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 723772	A1	19960731	EP 96400058	A	19960110	199635 B
FR 2729852	A1	19960802	FR 951038	A	19950130	199638
AU 9642014	A	19960808	AU 9642014	A	19960117	199640
CA 2168323	A	19960731	CA 2168323	A	19960129	199646
JP 8231355	A	19960910	JP 9613180	A	19960129	199646
AU 674640	B	19970102	AU 9642014	A	19960117	199709
HU 9600193	A2	19970428	HU 96193	A	19960129	199801
CN 1138450	A	19961225	CN 96104376	A	19960129	199806
BR 9600510	A	19971230	BR 96510	A	19960129	199807
EP 723772	B1	19980304	EP 96400058	A	19960110	199813
MX 9600366	A1	19970101	MX 96366	A	19960125	199816
DE 69600174	E	19980409	DE 600174	A	19960110	199820
			EP 96400058	A	19960110	
ES 2116132	T3	19980701	EP 96400058	A	19960110	199832
US 5932201	A	19990803	US 96591910	A	19960125	199937
JP 2960344	B2	19991006	JP 9613180	A	19960129	199947
RU 2135157	C1	19990827	RU 96101796	A	19960129	200033
KR 190936	B1	19990601	KR 961978	A	19960129	200056
MX 192551	B	19990702	MX 96366	A	19960125	200061

Priority Applications (No Type Date): FR 951038 A 19950130

Cited Patents: 1.Jnl.Ref; EP 235783; EP 461526; FR 2707486; GB 2066310; JP 54086635; US 5332570

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 723772 A1 F 14 A61K-007/09

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

FR 2729852 A1 20 A61K-007/09

AU 9642014 A A61K-007/09

CA 2168323 A F A61K-007/09

JP 8231355 A 11 A61K-007/09

AU 674640 B A61K-007/09 Previous Publ. patent AU 9642014

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CN 1138450 A A61K-007/09

BR 9600510 A A61K-007/11

EP 723772 B1 F 18 A61K-007/09

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC

NL	PT	SE		
MX	9600366	A1	A61K-007/09	
DE	69600174	E	A61K-007/09	Based on patent EP 723772
ES	2116132	T3	A61K-007/09	Based on patent EP 723772
US	5932201	A	A61K-007/09	
JP	2960344	B2	11 A61K-007/09	Previous Publ. patent JP 8231355
RU	2135157	C1	A61K-007/09	
KR	190936	B1	A61K-007/09	
MX	192551	B	A61K-007/009	

Abstract (Basic): EP 723772 A

A cosmetic compsn. for the first stage of permanent waving of keratinous matter, esp. hair, involving reducing the disulphide bonds of the keratin, contains (a) an agent for reducing the di-sulphide keratin bonds, (b) ornithine, lysine or arginine as alkalising agent, and (c) a cationic polymer contg. prim., sec. or tert. amine gps. or quat. ammonium gps. in the main chain.

Pref. the cpds. are sulphites, bisulphites and/or thiols (pref.), esp. cysteine or derivs., cysteamine or derivs., or 3-mercapto-propionic, thiolactic or thioglycolic acid or their ester or salts, opt. associated with a disulphide, and used in amt. of 1-20 (5-15)wt.% of the compsn.; (b) Arginine is pref. opt. with other alkalising agent, e.g. NH₄OH, monoethanolamine or a carbonate, esp. to neutralise the acid reducing agents, in amt. of 0.1-18% of the reducing compsn.; (c) The polymer (i) contains piperazinyl units and (hydroxy)-alkylene units, opt. broken by O, S, N or aromatic or heterocyclic rings, and opt. the oxidn. or quaternisation derivs., (ii) is a water-sol. polyaminoamide, opt. cross-linked and/or alkylated, (iii) is a deriv. of a polyaminoamide obtd. by condensn. of polyalkylene polyamines and polycarboxylic acids, followed by alkylation with bifunctional agents.

ADVANTAGE - Degradation of the hair after repeated treatment is avoided. The compsn. has less odour, is less irritant to the skin and scalp, and improves the appearance of the hair.

Title Terms: REDUCE; COMPOSITION; PERMANENT; WAVE; DE; CURL; HAIR; COMPRISE ; AGENT; REDUCE; KERATIN; DI; SULPHIDE; BOND; ORNITHINE; LYSINE; ARGININE ; ALKALISED; AGENT; CATION; POLYMER; LESS; IRRITATE; LESS; ODOUR

Derwent Class: A96; D21; E16; P24

International Patent Class (Main): A61K-007/009; A61K-007/09; A61K-007/11; C08K-005/17

International Patent Class (Additional): A45D-007/04; C08K-005/19; C08L-101/02

File Segment: CPI; EngPI

JP 2002003346

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014411049 **Image available**
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XRAM Acc No: C02-070836
XRPX Acc No: N02-178235

Composition for permanent wave treatment containing thioglycolic acid or its salt and/or cystein or its salt, and arginic acid derivative.

Patent Assignee: DOWA YAKUSHO KK (DOWA-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002003346	A	20020109	JP 2000190723	A	20000626	200229 B

Priority Applications (No Type Date): JP 2000190723 A 20000626

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002003346	A		6	A61K-007/09	

Abstract (Basic): *JP 2002003346* A

NOVELTY - A composition for permanent wave treatment, comprises:

(A) thioglycolic acid or its salt and/or cystein, N-acetyl cystein or its salt; and

(B) an arginic acid derivative (I).

DETAILED DESCRIPTION - A composition for permanent wave treatment, comprises:

(A) thioglycolic acid or its salt and/or cystein, N-acetyl cystein or its salt; and

(B) an arginic acid derivative of formula (I).

R1=alkyl or alkenyl of 6-24C.

USE - Useful as permanent wave treating composition.

ADVANTAGE - Damage of hair can be prevented.

pp; 6 DwgNo 0/0

Title Terms: COMPOSITION; PERMANENT; WAVE; TREAT; CONTAIN; THIOGLYCOLIC; ACID; SALT; SALT; ARGINIC; ACID; DERIVATIVE

Derwent Class: D21; E19; P24

International Patent Class (Main): A61K-007/09

International Patent Class (Additional): A45D-007/04

File Segment: CPI; EngPI